

CLAIMS:

1. A data conversion and transmission system comprising:

5 wire and wireless terminal clients;

a management server connected with the wire and wireless terminal clients over the internet; and

a data server connected to the management server, wherein the wire and wireless terminal clients for
10 information provision receive an input form corresponding to to-be-provided information among input forms stored in the data server from the management server to provide the information, and

wherein the management server extracts requested
15 information from the data server according to requests of the wire and wireless terminal clients for information access to convert the extracted information into a format adaptive to a specification (protocol) and a platform of the wire and wireless terminal clients, for provision.

20

2. A data conversion and transmission system comprising:

wire and wireless terminal clients;

a wire server connected with the wire terminal client;

25 a wireless server connected with the wireless terminal client; and

a data server and a data conversion and transmission server shared by the wire and wireless servers,

wherein the data conversion and transmission server extracts an input form requested by the wire terminal client for information provision, correspondingly to an information kind and from the data server to provide the extracted input form, and stores, in the data server, the information provided from the wire terminal client through the input form, and extracts information requested by the wireless terminal client for information access from the data server to convert the extracted information into a format adaptive to a mobile specification and a platform of the wireless terminal client for provision.

3. A data conversion and transmission system comprising:

wire and wireless terminal clients;
a wire server connected with the wire terminal client;
a wireless server connected with the wireless terminal client; and
a data server and a data conversion and transmission server shared by the wire and wireless servers,

wherein the data conversion and transmission server extracts an input form requested by the wireless terminal client for information provision, correspondingly to an information kind and from the data server to provide the extracted input form, and stores, in the data server, the information provided from the wireless terminal client through the input form, and extracts information requested by the wire terminal client for information access from the data

server to convert the extracted information into a format adaptive to a mobile specification and a platform of the wire terminal client for provision.

5 4. The data conversion and transmission system of any one of claims 1 to 3, wherein the wire terminal client includes a computer system, and the wireless terminal client is any one of a mobile phone, a wireless PDA, or an IMT-2000 terminal.

10 5. A data conversion and transmission system comprising:

 wire and wireless terminal clients;

 a wire server connected with the wire terminal client;

15 a wireless server connected with the wireless terminal client; and

 a data server and a data conversion and transmission server shared by the wire and wireless servers,

 wherein the data server comprises an input form DB for
20 storing an input form for receiving information from information providing wire and wireless terminal clients; an input information DB for storing information provided through the input form; a member information DB for storing user information provided at the time of member registration; and
25 a wireless terminal information DB for storing information on a mobile specification and a platform of a wireless terminal used by a registered member,

 wherein the wire and wireless server comprises a member

management module for registering a user that desires information provision or information access as a member such that information on the registered user is stored and managed in the member information DB; a verification module for
5 verifying whether or not the user connected to the wire or wireless server is the registered member; an information input management module for extracting an appropriate input form from the input form DB by requests of the information providing wire and wireless terminal clients to provide the
10 extracted input form, and storing information provided from the information providing wire and wireless terminal clients in the input information DB; and a control module for controlling a mutual operation among respective modules, in which the data conversion and transmission server is
15 controlled to store the information provided from the information providing wire and wireless terminal clients in the input information DB, or in which if the data conversion and transmission server converts extracted information adaptively to information accessing wire and wireless
20 terminal clients by requests of the information accessing wire and wireless terminal clients, the converted information is transmitted to the information accessing wire and wireless terminal clients, and

wherein the data conversion and transmission server
25 stores, in case the information input management module transmits the information provided from the information accessing wire and wireless terminal clients, the transmitted information in the input information DB, and converts, in

case information access is requested by the information
accessing wire and wireless terminal clients, the stored
information into a format adaptive to the information
accessing wire and wireless terminal clients to provide the
5 converted information.

6. A data conversion and transmission method
comprising the steps of:

in correspondence to information provided depending on
10 requests of information providing wire and wireless terminal
clients for information provision, transmitting an input form
requested by the data server to be applied to the information
providing wire and wireless terminal clients, and storing the
information provided through the input form in the data
15 server;

transmitting terminal device information and an
information kind of the information accessing wire and
wireless terminal clients to the data conversion and
transmission server by the wire and wireless servers if the
20 information accessing wire and wireless terminal clients for
information access are connected with the wire and wireless
servers;

extracting information coincident with the information
kind of the transmitted information from the data server by
25 the data conversion and transmission server;

converting the extracted information into a format
corresponding to the transmitted terminal device information
by the data conversion and transmission server; and

transmitting the converted information to a connected terminal device,

wherein the method is applied to a data conversion and transmission system comprising wire and wireless terminal clients; a wire server connected with the wire terminal client; a wireless server connected with the wireless terminal client; and a data server and a data conversion and transmission server shared by the wire and wireless servers.

7. The data conversion and transmission method of claim 6, wherein the input form comprises URL information of the wire and wireless servers.

8. The data conversion and transmission method of claim 6, wherein the information provided from the information providing wire and wireless terminal clients has information on a region for which the information is provided

9. The data conversion and transmission method of claim 6, wherein in case the input form corresponding to the information provided from the information providing wire and wireless terminal clients does not exist, information to be inputted by the information providing wire and wireless terminal clients is analyzed such that the input form is created to be stored in the data server and simultaneously to be provided for the information providing wire and wireless terminal clients.

10. The data conversion and transmission method of claim 6, wherein the information provided from the information providing wire and wireless terminal clients is classified and stored by a member, and is classified by the information kind or an information accessing region to be stored in the data server.

11. The data conversion and transmission method of claim 6, wherein in case of the wire terminal client, the terminal device information is a management platform, and in case of the wireless terminal client, the terminal device information has a mobile specification (protocol) and a platform.

12. The data conversion and transmission method of claim 11, wherein the terminal device information on the wireless terminal client further comprises current position information of the wireless terminal client.

13. The data conversion and transmission method of claim 6, wherein the converted format comprises HTML or XML format in case of the wire terminal client, and comprises WML, HDML, WinCE or JAVA format in case of the wireless terminal client.

14. The data conversion and transmission method of claim 6, further comprising the step of checking whether or not the connected wire and wireless terminal clients are

supported on basis on the terminal device information if the terminal device information on the information accessing wire and wireless terminal clients is transmitted to the data conversion and transmission server.

5

15. The data conversion and transmission method of claim 6, wherein after information is provided through the input form to be stored in the data server, an input list of the provided information is displayed, and the provided
10 information is served or not served depending on a selection of the information providing wire and wireless terminal clients.